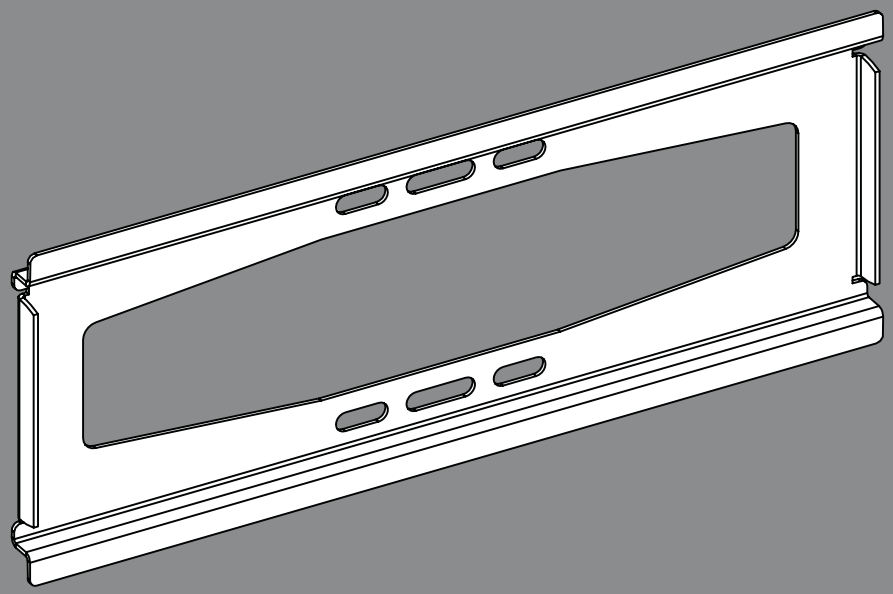
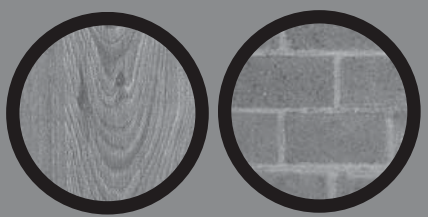
DYNEX™

## ASSEMBLY GUIDE

# DX-TVM112

TV Wall Mount





For either wood-stud or
concrete wall installations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# Safety information and specifications

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS**

**CAUTION:** Do not use this product for any purpose not explicitly specified by Dynex. Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact Customer Service or call a qualified contractor. Dynex is not responsible for damage or injury caused by incorrect installation or use.

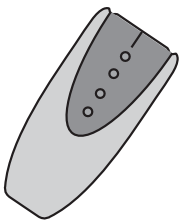
The weight of your TV must not exceed 50 lbs. (22.7 kg). The wall must be capable of supporting five times the weight of your TV and wall mount combined.

This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children!

**Maximum TV weight:** 50 lbs. (22.7 kg)
**Screen size:** 26" to 40" diagonal
**Overall dimensions (W × H ):**
15.5 × 12.61" (393.7 × 320.3 mm)
**Wall-mount weight:** 3.8 lb
**We're here for you**
www.dynexproducts.com
For customer service, call:
800-305-2204 (U.S./Canada markets)

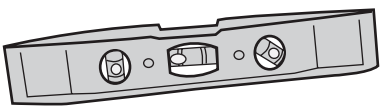
# Tools needed

You will need the following tools to assemble your new TV wall mount:

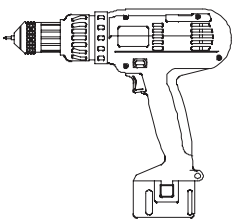


Edge-to-edge stud finder

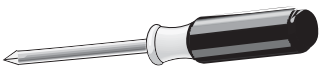
Pencil



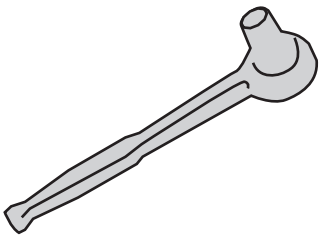
Level



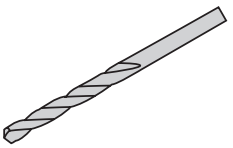
Drill



Phillips screwdriver



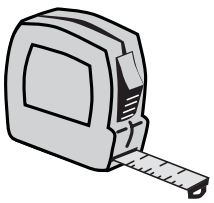
Socket wrench with 1/2" (13 mm) socket or adjustable wrench



7/32" (5.5 mm) wood drill bit for wood stud wall

OR

3/8" (9.5 mm) masonry drill bit (concrete only)



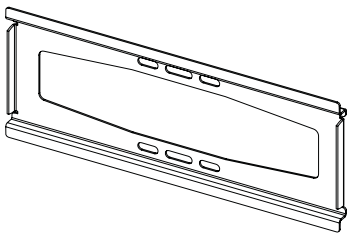
Measuring tape

Hammer

# Package contents

Make sure that you have all the hardware necessary to assemble your new TV wall mount:
**A** Wall Plate (1)
**B** Left TV Bracket (1)
**C** Right TV Bracket (1)

**A**

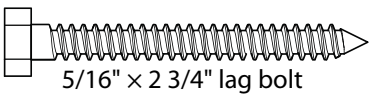
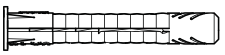


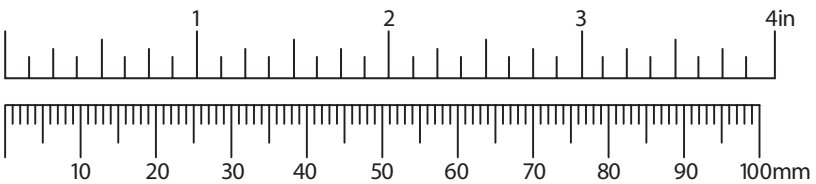
**B**

**C**

## TV Hardware Bag

| Label | Hardware | Qty. |
|---|---|---|
| **D** | M4 × 12 mm screw | **4** |
| **E** | M4 × 30 mm screw | **4** |
| **F** | M4 washer | **4** |
| **G** | M6 washer | **4** |
| **H** | M4 spacers | **4** |
| **I** | M6 × 12 mm screw | **4** |
| **J** | M6 × 20 mm screw | **4** |
| **K** | M6 × 35 mm screw | **4** |

| Label | Hardware | Qty. |
|---|---|---|
| **L** | M6 spacers | **4** |
| **M** | Lag bolt washer | **3** |
| **N** |  5/16" × 2 3/4" lag bolt | **3** |
| **O** |  Concrete anchor | **3** |



# Installation instructions

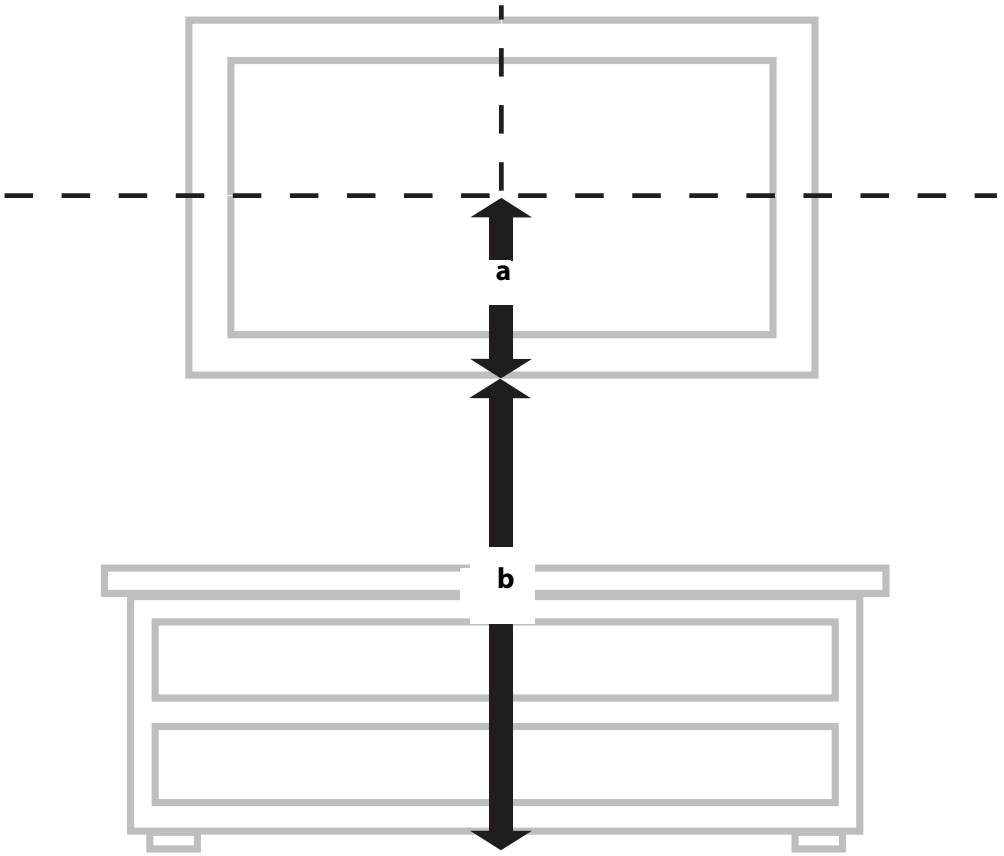
## STEP 1 - Determine wall-mount location

***Notes:***

- *For more detailed information on determining where to drill your holes, visit our online height-finder at: http://mf1.bestbuy.selectionassistant.com/index.php/heightfinder*
- *Your TV should be high enough so your eyes are level with the middle of the screen. Normally, 40 to 60 inches from the ground.*

The center of your TV will match the center of the wall plate (**A**). Before you drill holes in the wall:

1. Measure the distance from the bottom of your TV to the middle (half of the height of the TV). This is measurement **a**.
2. Measure the distance from the floor to where you want the bottom of the TV to be placed on the wall. Keep in mind that the bottom of the TV should be placed above any furniture (such as entertainment centers or TV stands). The TV should also be above items placed on top of the furniture (like a Blu-ray player or cable box). This measurement is **b**.
3. Add **a** + **b**. The total measurement is the height where you want the center of the wall plate to be on the wall.
4. Use a pencil to mark this spot on the wall.




**You'll need**

**Measuring tape**

Pencil

## STEP 2 - *Option 1: Installing on a wood stud wall*

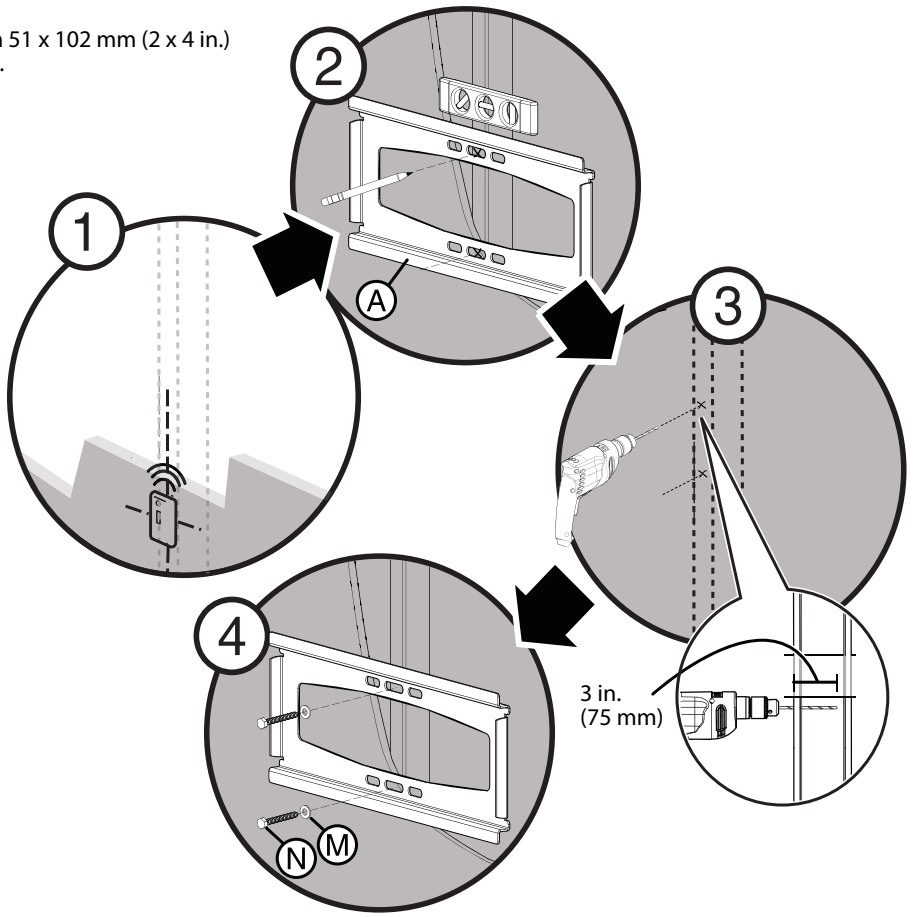
***Note**: Any wallboard or material covering the wall must not exceed 5/8" (16 mm).*

1. Locate the stud. Verify the center of the stud* with an edge-to-edge stud finder.
2. Align the wall plate (**A**) at the height you determined in the previous step and make sure that it is level. Use a pencil to mark the lag bolt hole locations (2) on the stud centers. Remove the wall plate.
3. Drill pilot holes to a depth of 3 in. (75 mm) using a 7/32 in. (5.5 mm) diameter drill bit.
4. Align the wall plate (**A**) with the pilot holes, insert the lag bolts (**N**) through the lag bolt washers (**M**), then through the holes in the wall plate. Tighten the lag bolts only until they are firm against the wall plate.

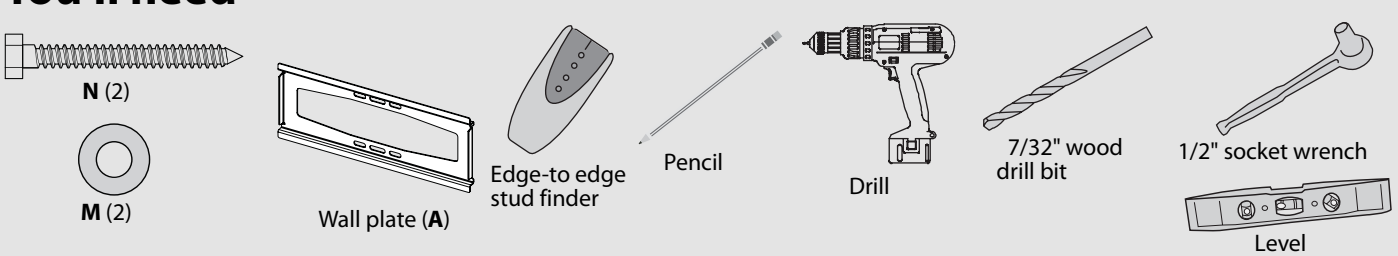
***CAUTION**: Avoid potential injuries or property damage!*

*DO NOT over-tighten the lag bolts (**N**).*

* Minimum wood stud size: common 51 x 102 mm (2 x 4 in.) nominal 38 x 89 mm (11/2 x 31/2 in.).




## You'll need



## STEP 2 - *Option 2: Installing on a solid concrete or concrete block wall**

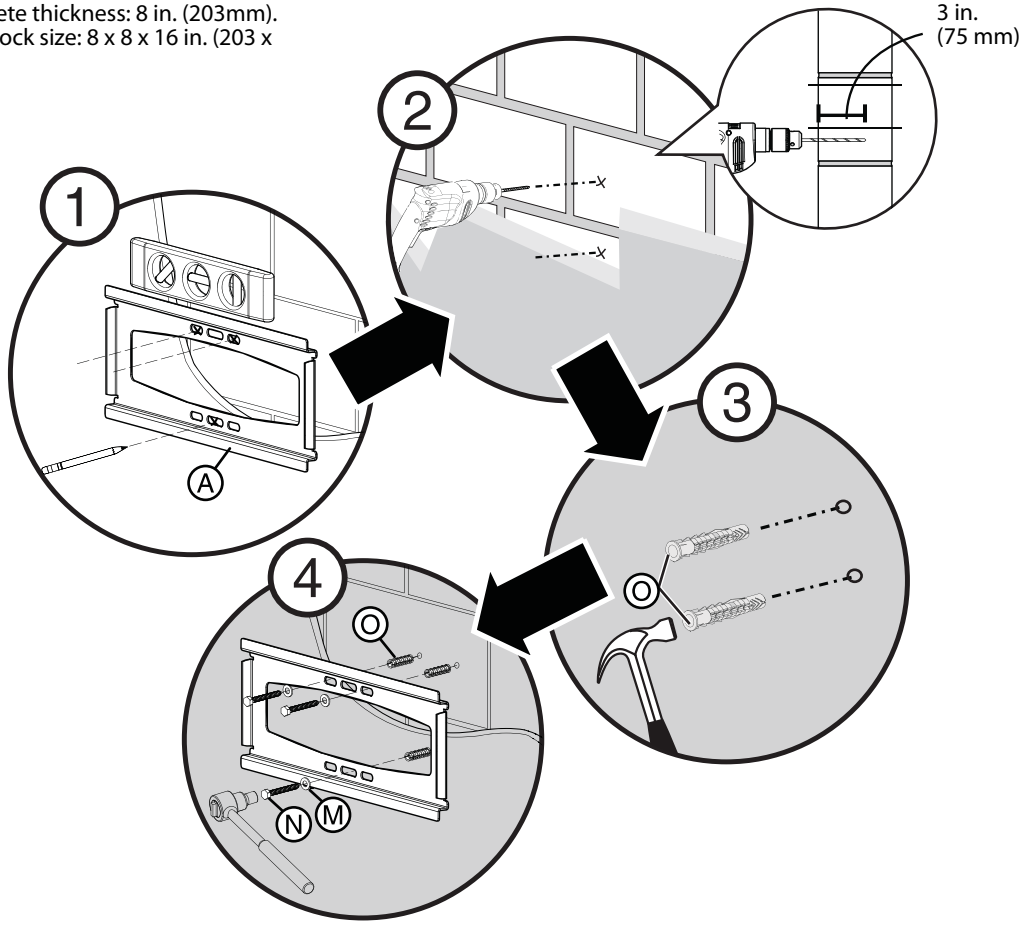
***CAUTION:*** *To prevent property damage or personal injury, never drill into mortar between blocks. Mount wall plate directly onto the concrete surface.*

1. Align the wall plate (**A**) at the height you determined in the previous step and make sure that it is level. Use a pencil to mark the lag bolt hole locations (3).
2. Drill pilot holes to a depth of 3 in. (75 mm) using a 3/8 in. (9.5 mm) diameter masonry drill bit.
3. Insert the concrete wall anchors (**O**) into the pilot holes and use a hammer to make sure the anchors are flush with the concrete surface.
4. Align the wall plate (**A**) with the anchors, insert the lag bolts (**N**) through the lag bolt washers (**M**), then through the holes in the wall plate. Tighten the lag bolts only until they are firm against the wall plate.

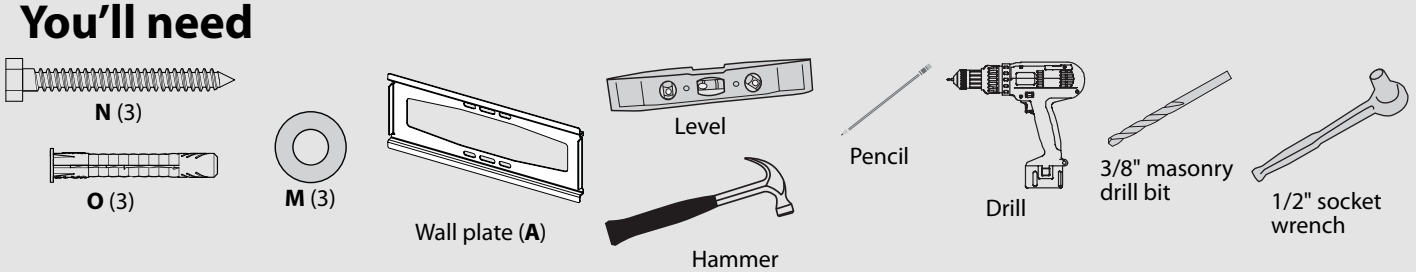
***CAUTION:*** *Avoid potential injuries or property damage!*

*DO NOT over-tighten the lag bolts (**N**).*

* Minimum solid concrete thickness: 8 in. (203mm).
* Minimum concrete block size: 8 x 8 x 16 in. (203 x 203 x 406 mm).



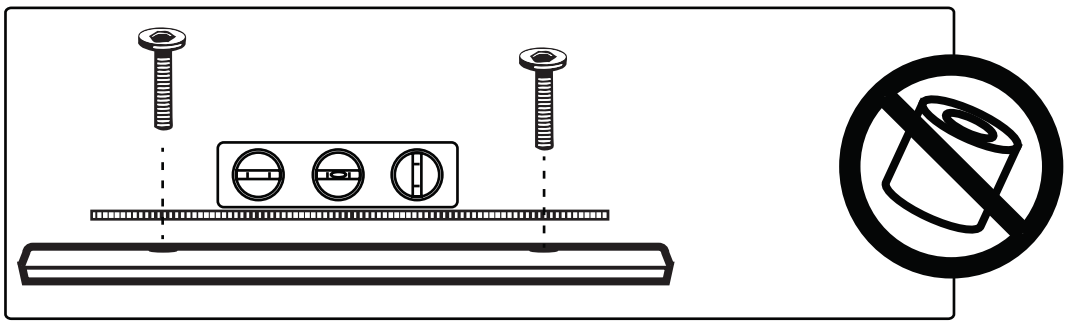

## You'll need



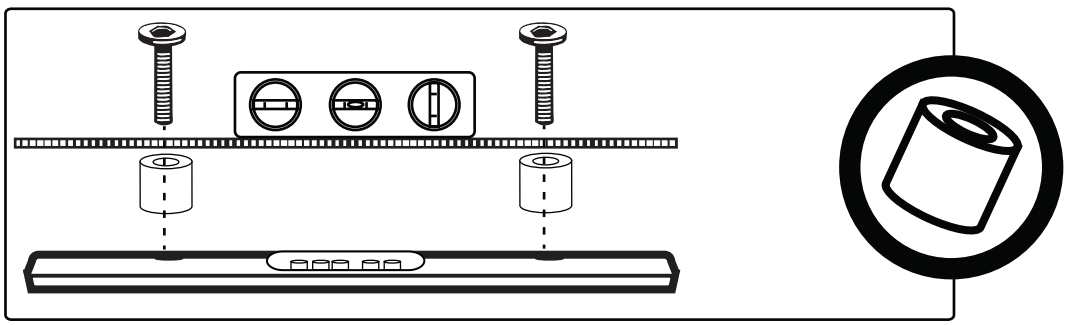
## STEP 3 - Determine whether your TV has a flat back or an irregular or obstructed back

1. Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
2. If your TV has a table-top stand attached, remove the stand. See the documentation that came with your TV for instructions.
3. Temporarily lay the TV brackets (**B** and **C**) on the back of your TV.
4. Align the screw holes in the TV brackets with the mounting screw holes on your TV.
5. Identify which type of back your TV may have:

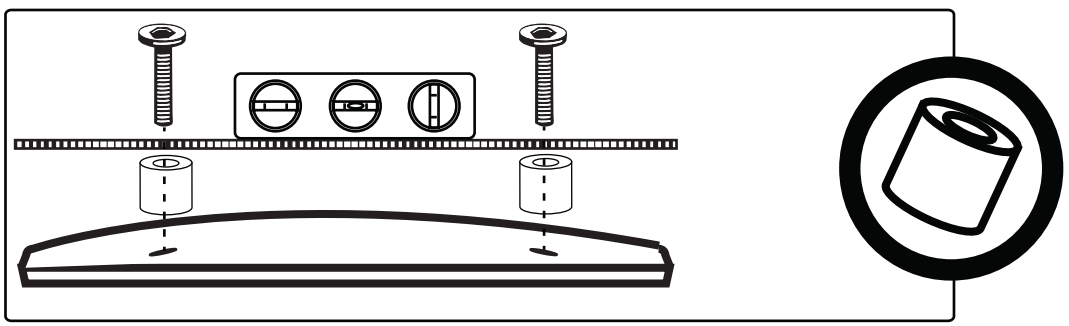
- **Flat back**: The brackets lay flush against the back of your TV and do not block any jacks. You do not need spacers when assembling the wall mount.



- **Obstructed back**: The brackets block one or more of the jacks on the back of your TV. You will need spacers when assembling the wall mount.



- **Irregularly-shaped back**: There is a gap between a bracket and some part of the back of your TV. You will need spacers when assembling the wall mount.



6. Remove the TV brackets.

## STEP 4 - Select screws, washers, and spacers

**1** Select the hardware for your TV (screws, washers, and spacers). A limited number of TVs come with mounting hardware included. (If there are screws that came with the TV, they are almost always in the holes on the back of the TV.) If you don't know the correct length of the mounting screws your TV requires, test various sizes by hand threading the screws.

Select one of the following types of screws:

M4 × 12 mm screws (**D**) for a TV with a flat back

M4 × 30 mm screws (**E**) for a TV with an irregular or obstructed back

M6 × 12 mm screws (**I**) for a TV with a flat back

M6 × 20 mm screws (**J**) for a TV with a flat back

M6 × 35 mm screws (**K**) for a TV with an irregular or obstructed back

Select from the following washers:

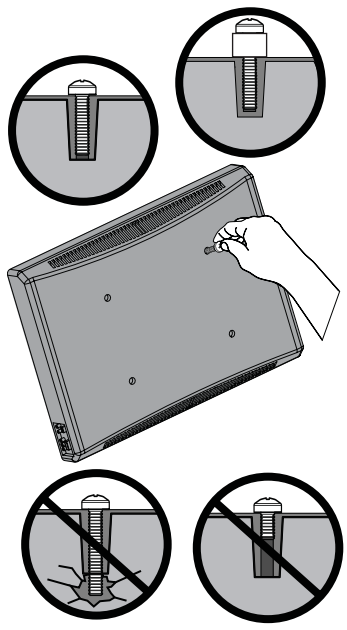
M4 washer (**F**)

M6 washer (**G**)

For an irregular or obstructed TV back, use the following spacers:

M4 spacer (**H**)

M6 spacer (**L**)



Screw fits correctly

Screw is too long

Screw is too short

***CAUTION:*** To avoid potential personal injuries and property damage, make sure that there are adequate threads to secure the brackets to your TV. If you encounter resistance, stop immediately and contact customer service. Use the shortest screw and spacer combination to accommodate your TV. Using hardware that is too long may damage your TV. However, using a screw that is too short may cause your TV to fall from the mount.

**2** Remove the screws.

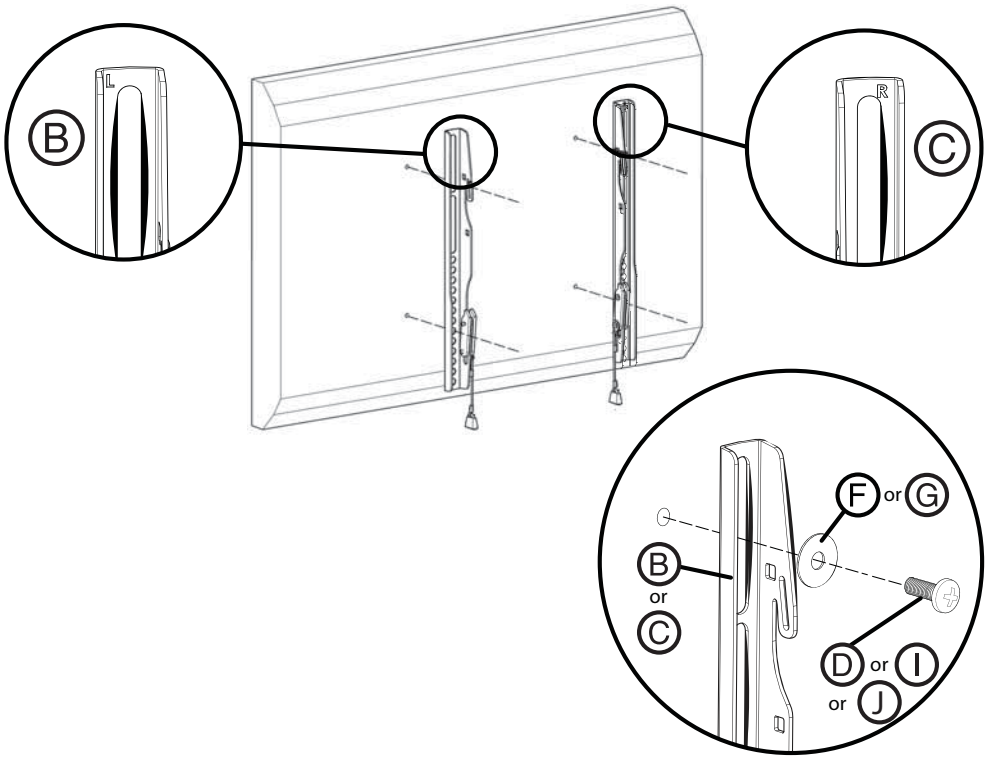
**3** For a flat back TV, go to "STEP 5 - Option 1: Attaching the mounting hardware to TVs with a flat back" on page 9.

-OR-

For an irregular or obstructed back, go to "STEP 5 - Option 2: Attaching the mounting hardware to TVs with irregular or obstructed backs" on page 10.

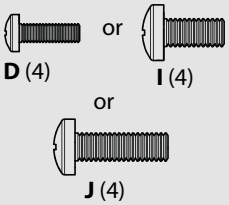
## STEP 5 - *Option 1: Attaching the mounting hardware to TVs with a flat back*

1 Align the left and right TV brackets (**B** and **C**) with the screw holes on the back of the TV.
2 Install washers (**F** or **G**), and screws (**D**, **I**, or **J**) into the holes in the back of the TV.
***NOTE**: If the hole pattern on your TV is 75 mm x 75 mm, do not use the washers (**F** or **G**).*
3 Tighten the screws until they are snug against the TV brackets. Do not over tighten.



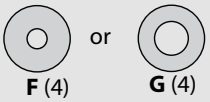

## You'll need

**Screws**

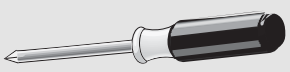



**D** (4) **I** (4) **J** (4)

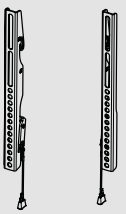
**Washers**




**F** (4) **G** (4)



Phillips screwdriver

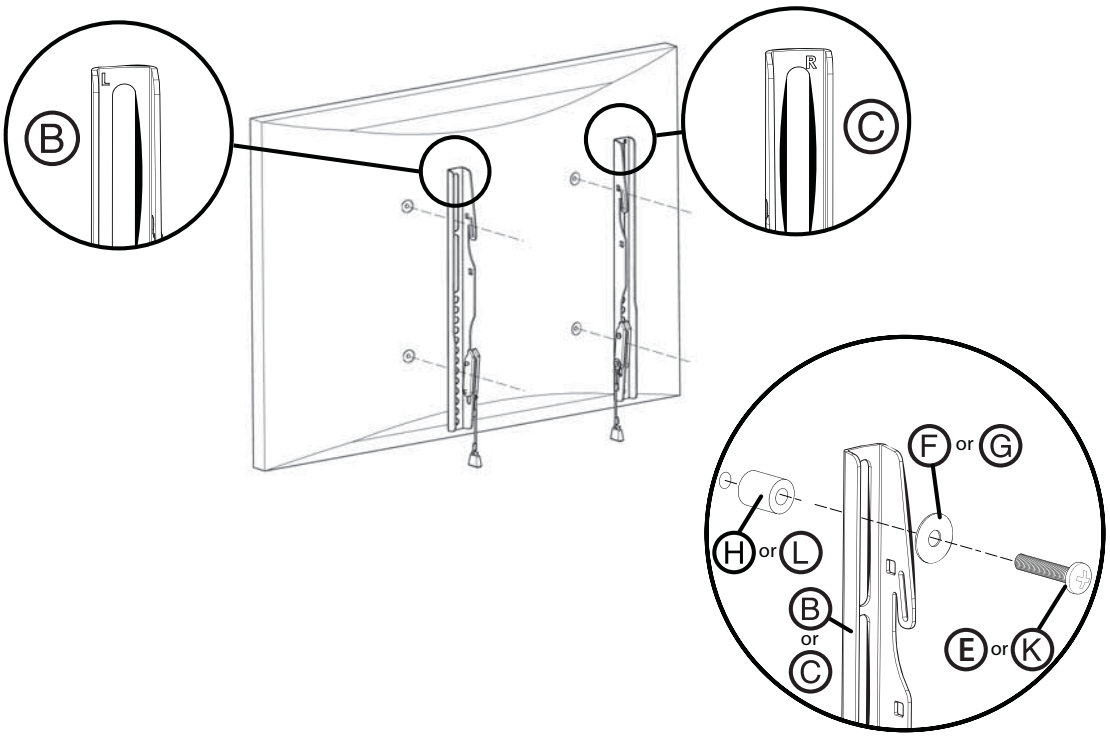


**B** and **C** TV brackets

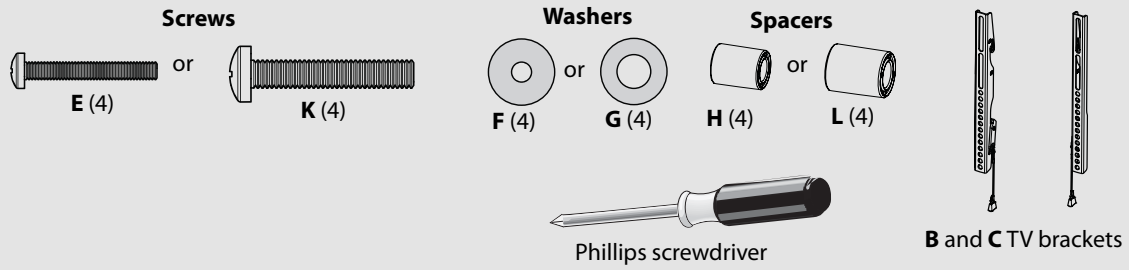
## STEP 5 - *Option 2: Attaching the mounting hardware to TVs with irregular or obstructed backs*

1. Align the left and right TV brackets (**B** and **C**) with the screw holes on the back of the TV.
2. Place spacers (**H** or **L**) behind the TV brackets and the washers (**F** or **G**) over the holes in the TV bracket, then insert the screws (**E** or **K**) through the washers, TV brackets, and spacers.

   ***NOTE**: If the hole pattern on your TV is 75 mm x 75 mm, do not use the washers (**F** or **G**).*
3. Tighten the screws until they are snug against the TV brackets. Do not over tighten.



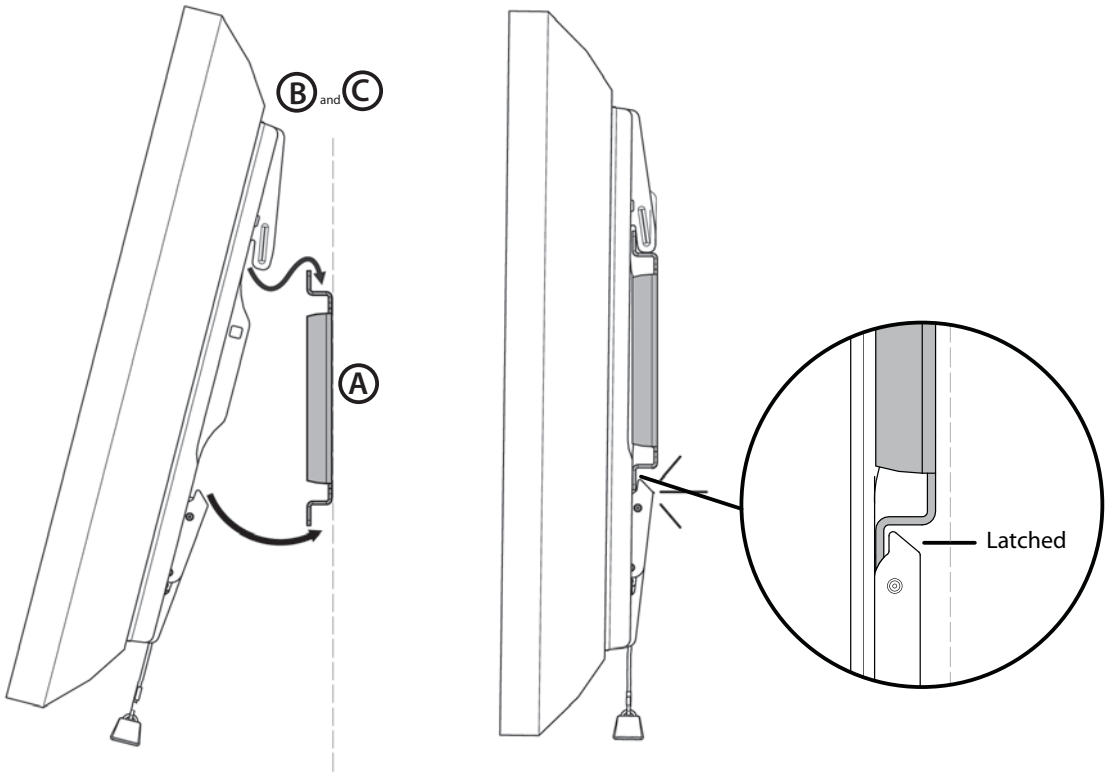

## You'll need



## STEP 6 - Mounting the TV to the wall plate

1 Place the TV brackets (**B** and **C**) into the slotted flanges of the wall plate (**A**).
2 Push the bottom of the TV toward the wall until the latch mechanism clicks into place.

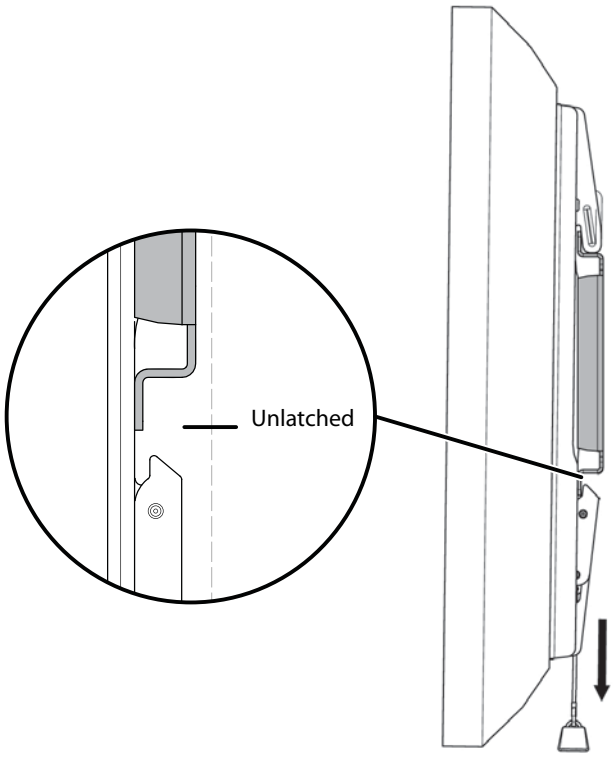
HEAVY! You will need assistance with this step.



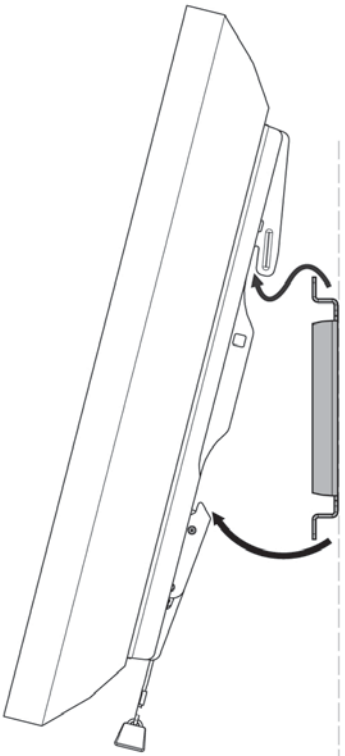
## Removing the TV from the wall plate

1 Grasp the TV by the bottom edge, then pull down on the locking cords and pull the bottom of the TV out from the wall.
2 Release the locking cords and lift the top of the TV from the wall bracket.

HEAVY! You will need assistance with this step.




Pull down to unlatch.



Pull bottom away from wall, then lift off the wall bracket.

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